

Page 3, last two lines, replace "recited in claim 1" with

--according to a first embodiment of the
present invention--.

Page 4, line 12, replace "claim 2" with --a second

embodiment of the present invention--; same
line, delete "mentioned";

line 13, replace "claim 1" with --the first

embodiment of the present invention--;

line 18, replace "claim 3" with --a third embodiment

of the present invention--; same line,

replace "mentioned in claim 2" with --the

second embodiment of the present invention--;

line 25, replace "claim 4" with --a fourth

embodiment of the present invention--; same

line, delete "mentioned";

line 26, replace "claim 1 or 2" with --the first or

second embodiments of the present invention--;

line 29, replace "claim 5" with --a fifth embodiment

of the present invention--; same line, delete

"mentioned in claim";

line 30, replace "1 or 2" with --in the first or

second embodiments of the present invention--.

Page 4, line 34, replace "claim 6" with -[a sixth embodiment

B10 of the present invention--; same line, delete
"mentioned in claim";

line 35, replace "1 or 2" with -[in the first or

B11 second embodiments of the present invention--;

line 37, replace "claim 7" with -[a seventh

B12 embodiment of the present invention--; same
line, delete "mentioned";

last line, replace "claim 5" with -[a fifth

B13 embodiment of the present invention--.

Page 5, line 2, replace "claim 8" with -[an eighth

B14 embodiment of the present invention--;

line 3, replace "mentioned in claim 6" with -[in the

B15 sixth embodiment of the present invention--;

line 7, replace "claim 9" with -[a ninth embodiment

B16 of the present invention--;

line 11, replace "claim 10" with -[a tenth

B17 embodiment of the present invention--;

line 15, replace "claim 11" with -[an eleventh

B18 embodiment of the present invention--;

line 31, replace "claim 12" with -[a twelfth

B19 embodiment of the present invention--.

Page 6, line 6, replace "claim 13" with -[a thirteenth]

B20 embodiment of the present invention--;

line 7, replace "mentioned in claim 11 or 12" with

-[in the eleventh or twelfth embodiments of]

B21 the present invention--;

line 13, replace "recited in claim 14" with -[of the]

B22 fourteenth embodiment of the present
invention--;

line 23, replace "claim 15" with -[a fifteenth]

B23 embodiment of the present invention--;

line 24, replace "mentioned in claim 14" with -[in]

B24 the fourteenth embodiment of the present
invention--;

line 29, replace "claim 16" with -[a sixteenth]

B25 embodiment of the present invention--.

Page 7, line 10, replace "claim 17" with -[a seventeenth]

B26 embodiment of the present invention--;

line 11, replace "mentioned in claim 16" with -[in]

B27 the sixteenth embodiment of the present
invention--;

line 18, replace "claim 18" with -[an eighteenth]

B28 embodiment of the present invention--.

Page 7, line 19, replace "mentioned in claim 16" with -[in

B29

the sixteenth embodiment of the present
invention--;

line 31, replace "claim 19" with -[a nineteenth

B30

embodiment of the present invention--.

Page 8, line 8, replace "claim 20" with -[a twentieth

B31

embodiment of the present invention--;

line 27, replace "claim 21" with -[a twenty-first

B32

embodiment of the present invention--;

line 28, replace "mentioned in claim 20" with -[in

B33

the twentieth embodiment of the present
invention--;

line 34, replace "claim 22" with -[a twenty-second

B34

embodiment of the present invention--;

line 35, replace "mentioned in claim 20" with -[in

B35

the twentieth embodiment of the present
invention--.

Page 9, line 2, replace "claim 23," with -[a twenty-third

B36

embodiment of the present invention--;

line 4, replace "mentioned in claim 22" with -[in

B37

the twenty-second embodiment of the present
invention--.

Page 9, line 15, replace "claim 24" with - [a twenty-fourth]

B38 embodiment of the present invention--;

line 17, replace "claim 22" with - [the twenty-second]

B39 embodiment of the present invention--;

line 26, replace "claim 25" with - [a twenty-fifth]

B40 embodiment of the present invention--;

line 31, replace "claim 26" with - [a twenty-sixth]

B41 embodiment of the present invention--;

line 32, replace "claim 22" with - [the twenty-second]

B42 embodiment of the present invention--.

last line, replace "claim 27" with - [a twenty-

B43 seventh embodiment of the present invention--.

Page 10, line 1, replace "mentioned in claim 26" with - [in

B44 the twenty-sixth embodiment of the present
invention--;

line 3, replace "claim 28" with - [a twenty-eighth]

B45 embodiment of the present invention--;

line 9, replace "claim 29" with - [a twenty-ninth]

B46 embodiment of the present invention--;

line 15, replace "claim 30" with - [a thirtieth]

B47 embodiment of the present invention--;

line 16, replace "claim 1 or 2" with - [the first or

B48 second embodiments of the present invention--.

Page 10, line 22, replace "claim 31" with -[a thirty-first

B49 embodiment of the present invention--; same

line, replace "claim 1 or 2" with -[the first

B50 or second embodiments of the present
invention--;

line 24, replace "claim 32" with -[a thirty-second

B51 embodiment of the present invention--; same

line, replace "claim 1 or 2" with -[the first

B52 or second embodiments of the present
invention--;

line 29, replace "claim 33" with -[a thirty-third

B53 embodiment of the present invention--;

line 33, replace "claim 34" with -[a thirty-fourth

B54 embodiment of the present invention--;

line 36, replace "claim 35" with -[a thirty-fifth

B55 embodiment of the present invention--.

Page 11, line 3, replace "claim 36" with -[a thirty-sixth

B56 embodiment of the present invention--;

lines 3 to 4, replace "claim 1" with -[the first

B57 embodiment of the present invention--;

line 12, replace "claim 37" with -[a thirty-seventh

B58 embodiment of the present invention--.

Page 11, line 13, replace "claim 36" with - [a thirty-sixth

B59 embodiment of the present invention--;

line 18, replace "claim 38" with - [a thirty-eighth

B60 embodiment of the present invention--;

line 21, replace "claim 1" with - [the first

B61 embodiment of the present invention--;

line 26, replace "claim 39" with - [a thirty-ninth

B62 embodiment of the present invention--;

~~B62~~ lines 26 to 27, replace "claim 18" with - [the
eighteenth embodiment of the present

B63 invention--;

line 33, replace "claim 40" with - [the fortieth

B64 embodiment of the present invention--;

lines 33 to 34, replace "claim 9" with - [the ninth

B65 embodiment of the present invention--.

[Page 12, line 36, replace "recited in claims 11-13 and 18"

with - [in the eleventh, twelfth, thirteenth
and eighteenth embodiments of the present
B66 invention--.

[Page 13, line 3, replace "recited in claims 11-13 and 18"

with - [in the eleventh, twelfth, thirteenth
and eighteenth embodiments of the present
B67 invention--.

Page 13, line 9, replace "recited in claim 11-13 and 18:

with -[in the eleventh, twelfth, thirteenth
and eighteenth embodiments of the present
invention]-;

lines 12 to 13, replace "as recited in claims 11-
13" with -[in the eleventh, twelfth and
thirteenth embodiments of the present
invention]-;

line 17, replace "invention recited in claims 11-
13" with -[eleventh, twelfth and thirteenth
embodiments of the present invention]-.

Page 14, lines 8 to 9, lines 16 to 17, lines 21 to 22, lines
25 to 26, and lines 30 to 31, replace "as
recited in claims 14 and 15" with -[in the
fourteenth and fifteenth embodiments of the
present invention]-;

line 34, replace "as recited in claims 16 and 17"
with -[in the sixteenth and seventeenth
embodiments of the present invention]-.

Page 15, line 2, replace "as recited in claims 16 and
17" with -[in the sixteenth and seventeenth
embodiments of the present invention]-.

Page 15, lines 5 to 6, lines 9 to 10, and line 18, replace

"as recited in claim 18" with - in the
B74 eighteenth embodiment of the present
invention--;

line 14, replace "invention recited in claim
18" with - eighteenth embodiment of the
B75 present invention--;

lines 21 to 22 and lines 24 to 25, replace
"invention recited in claims 19-23" with
- nineteenth to twenty-third embodiments of
B76 the present invention--;

lines 28 to 29, line 32 and lines 35 to 36, replace
"as recited in claims 19-23" with - in
B77 the nineteenth to twenty-third embodiments of
the present invention--.

Page 16, lines 1 to 2 and line 5, replace "as recited in
claims 19-23" with - in the nineteenth to
B78 twenty-third embodiments of the present
invention--;

lines 8 to 9, line 13, lines 18 to 19, line 23,
lines 27 to 28 and line 31, replace "as
recited in claims 19-29" with - in the
B79 nineteenth to twenty-ninth embodiments of the
present invention--.

Page 16, lines 20 and 24, delete "the composition of";

line 34, replace "as recited in claims 24-29"

with -- in the twenty-fourth to twenty-ninth

B80

embodiments of the present invention--.

Page 17, line 6, replace "third embodiment" with --twenty-

B81

fourth to twenty-ninth embodiments--; same

line, before invention, insert --present--;

line 7, delete "recited in claims 24-29";

lines 10 to 11, replace ^{as}"recited in claim 30"

with -- in the thirtieth embodiment of the

B82

present invention--;

lines 14 to 15, line 18 and lines 21 to 22, replace

"as recited in claim 31" with -- in the

B83

thirty-first embodiment of the present

invention--;

line 26, replace "invention recited in claim 31"

with --thirty-first embodiment of the present

B84

invention--;

lines 29 to 30, replace "as recited in claim 32"

with -- in the thirty-second embodiment of the

B85

present invention--;

Page 18, line 2, replace "as recited in claim 32" with --in

B86

the thirty-second embodiment of the present

invention--.

Page 18, lines 5 to 6, replace "invention recited in claim

32" with - [thirty-second embodiment of the
B87 present invention] --.

line 10, replace "invention recited in claim 31"

with - [the thirty-first embodiment of the
B88 present invention] --;

lines 12 to 13 and line 17, replace "as recited in
claim 33" with - [in the thirty-third

B89 embodiment of the present invention] --;

line 21, replace "invention recited in claim 33"

with - [thirty-third embodiment of the present
B90 invention] --;

line 25, replace "as recited in claims 34 and 35"

with - [in the thirty-fourth and thirty-fifth
B91 embodiments of the present invention] --;

lines 28 to 29, replace "as recited in claims 36

and 37" with - [in the thirty-sixth and thirty-
B92 seventh embodiments of the present invention] --.

Page 19, line 5, replace "invention recited in claims 36 and

37" with - [thirty-sixth and thirty-seventh
B93 embodiments of the present invention] --;

line 9, replace "as recited in claim 39: with - [in

B94 the thirty-ninth embodiment of the present
invention] --.

Page 19, lines 25 to 26, replace "as recited in claims 1-10:

with - [in the first to tenth embodiments of

B95 the present invention]--.

Page 22, line 36, replace "set forth in claims 2 and 7-10"

with - [of the second and seventh to tenth

B96 embodiments of the present invention]--.

Page 32, line 21, replace "set forth in claims 11-13" with

- [of the eleventh to thirteenth embodiments

B97 of the present invention]--.

Page 35, lines 6 to 7, replace "as recited in claims 14 and

15" with - [in the fourteenth and fifteenth

B98 embodiments of the present invention]--.

Page 41, lines 23 to 24, replace "as recited in claims 16

and 17" with - [in the sixteenth and

B99 seventeenth embodiments of the present
invention]--.

Page 42, lines 13 to 15, replace "invention recited in
claims 16 and 17 is based on claims 2, 9 and

10" with - [sixteenth and seventeenth

B100 embodiments of the present invention are

based on the second, ninth and tenth
embodiments of the present invention--.

[Page 50, lines 8 to 9, replace "as recited in claim 18" with
--in the eighteenth embodiment of the present
B101 invention--;

[lines 32 to 33, replace "invention recited in claim
18" with --eighteenth embodiment of the
B102 present invention--.

[Page 56, lines 5 to 6, replace "invention recited in claims
2, 9 and 10" with --second, ninth and tenth
B103 embodiments of the present invention--.

[Page 59, lines 32 to 33, replace "as recited in claims 19-
23" with --in the nineteenth to twenty-third
B104 embodiments of the present invention--.

[Page 69, lines 19 to 20, replace "as recited in claims 24-
29" with --in the twenty-fourth to
B105 twenty-ninth embodiments of the present
invention--.

Page 80, lines 24 to 25, replace "as recited in claim 30"

with --in the thirtieth embodiment of the
present invention--.

B106

Page 85, lines 2 to 3, replace "as recited in claim 31" with

--in the thirty-first embodiment of the
present invention--.

B107

Page 86, line 27, replace "20,the" with --20, the--;

line 30, replace "set forth in claims 2and 9" with

--in the second and ninth embodiments of the
present invention--.

B108

Page 90, lines 30 to 31, replace "as recited in claim 32"

with --in the thirty-second embodiment of the
present invention--.

B109

Page 97, lines 26 to 27, replace "as recited in claim 33"

with --in the thirty-third embodiment of the
present invention--.

B110

Page 98, lines 4 to 5, replace "invention recited in claim

33" with --thirty-third embodiment of the
present invention--.

B111

[Page 102, lines 28 to 29, replace "as recited in claims 34-

35" with - [in the thirty-fourth and thirty-

B112 fifth embodiments of the present invention]--.

[Page 103, lines 13 to 14, replace "invention recited in

claims 34 and 35" with - [thirty-fourth and

B113 thirty-fifth embodiments of the present
invention]--.

[Page 109, lines 14 to 15, replace "as recited in claims 36

and 37" with - [in the thirty-sixth and thirty-

B114 seventh embodiments of the present invention]--.

⁷
B115 [Page 117, line 6, replace "invention as recited in claim 38"

with - [in the thirty-eighth embodiment of the

B115 present invention]--.

[IN THE CLAIMS:

B1
1. (Amended) A method of shaping a semisolid metal[, in
which] comprising:

(a) ^{Q2} feeding into ~~a~~ insulating vessel having an insulating
effect (i) a [liquid] molten alloy having crystal nuclei at a
temperature not lower than the liquidus temperature of said alloy